

Figure 1

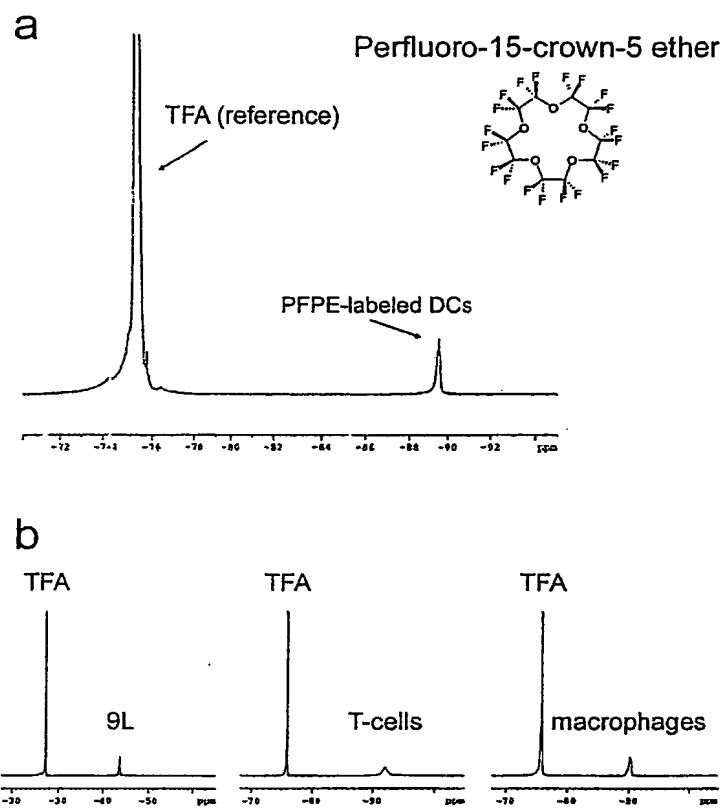


Figure 2

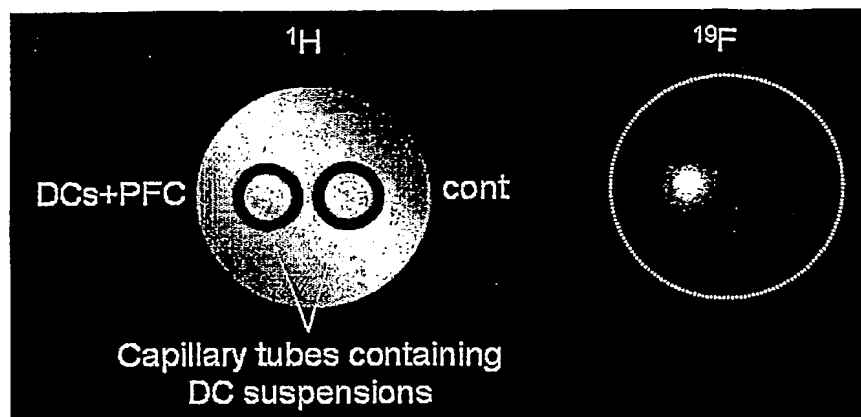


Figure 3

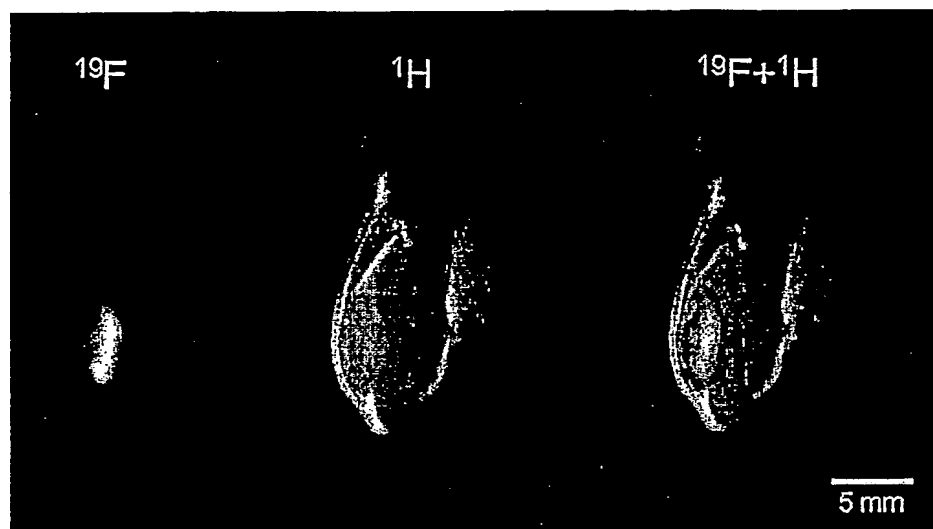


Figure 4

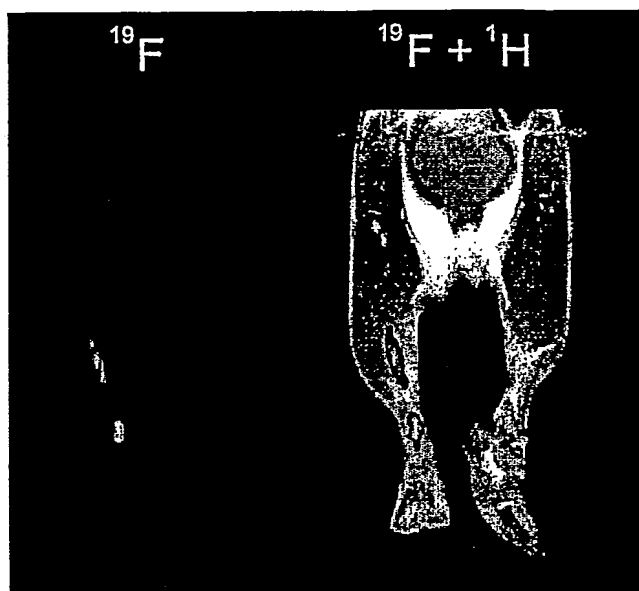


Figure 5

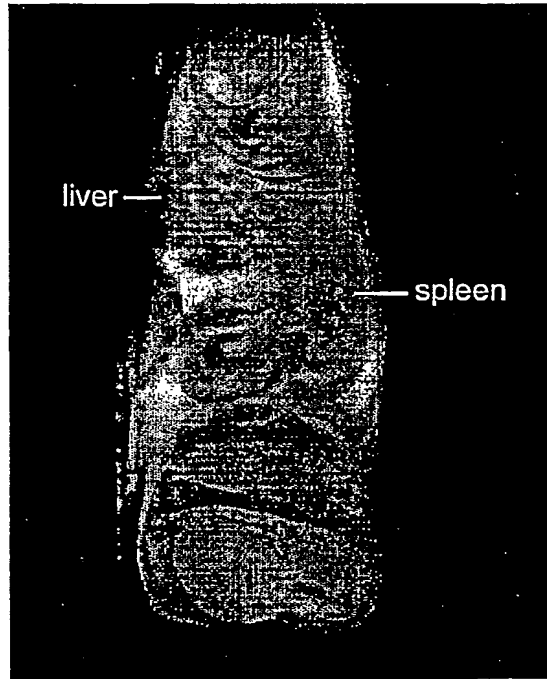


Figure 6

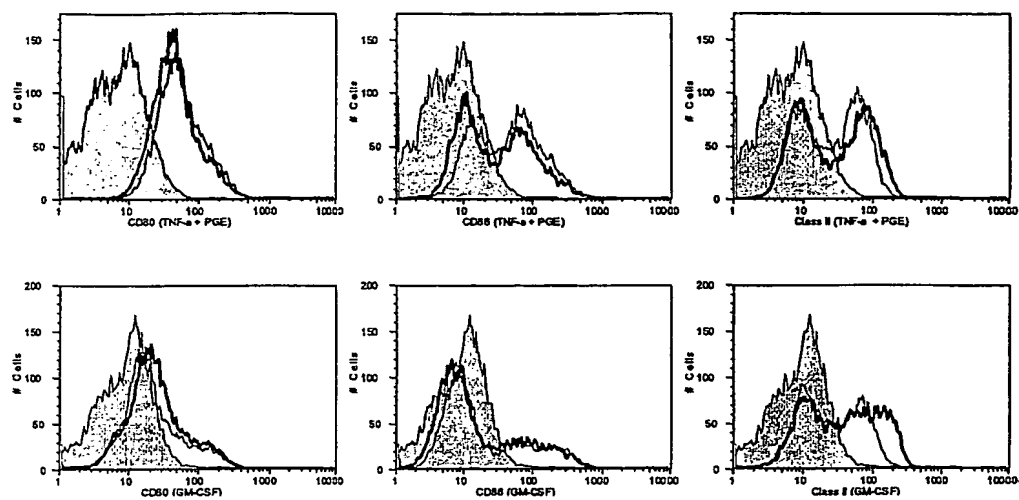


Figure 7

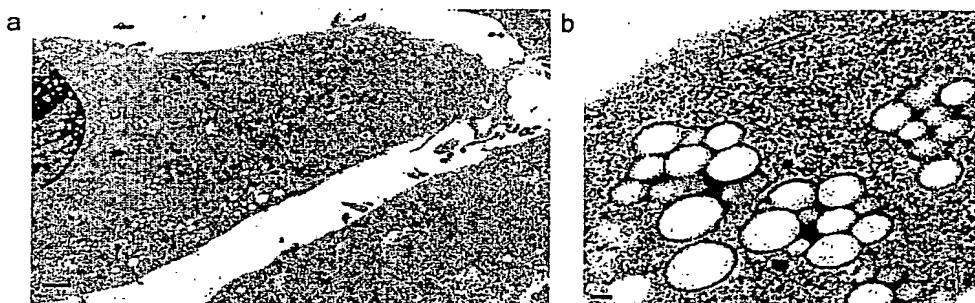


Figure 8

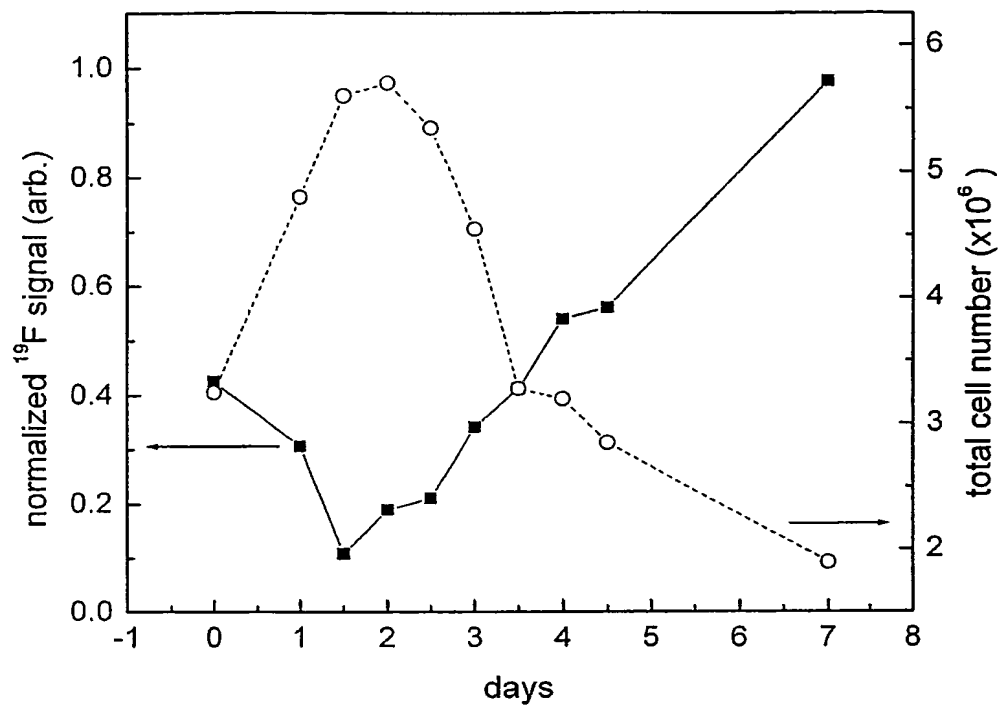


Figure 9

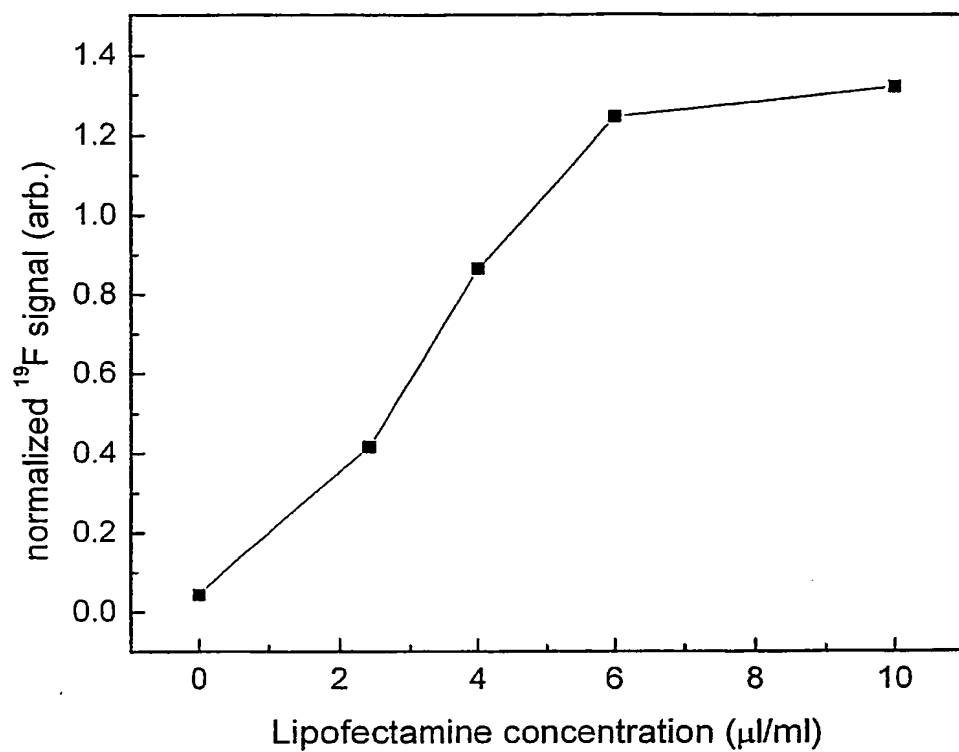


Figure 10

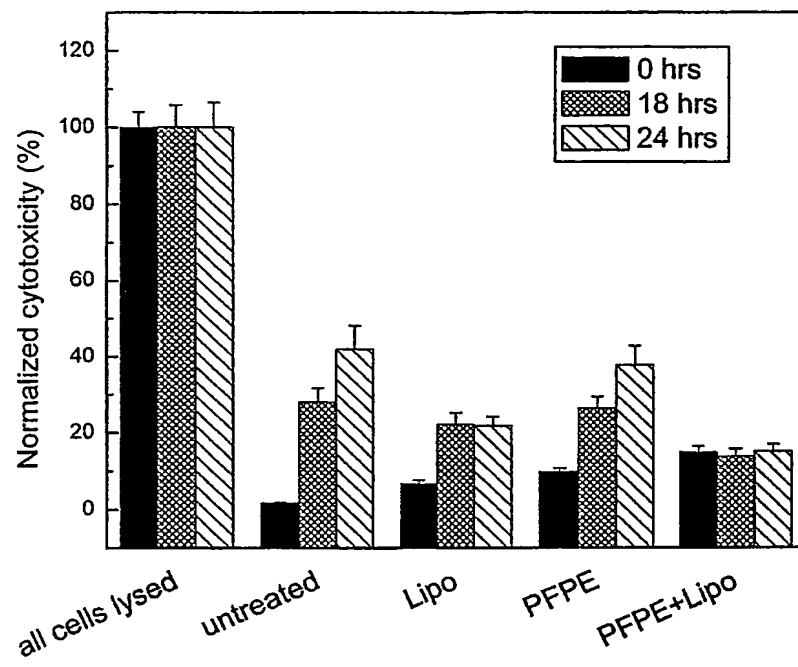


Figure 11

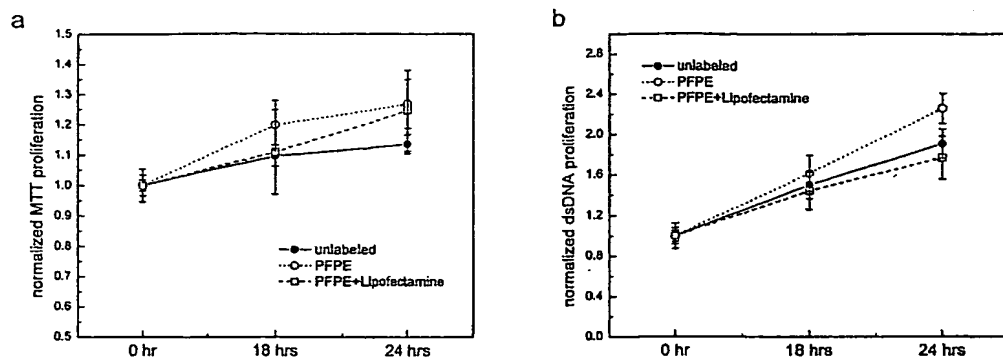
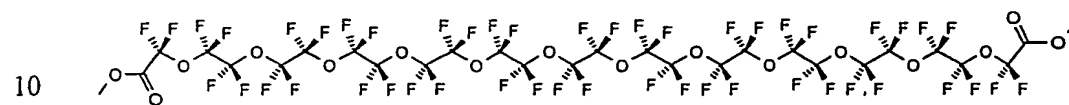


Figure 12.

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A.



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B.

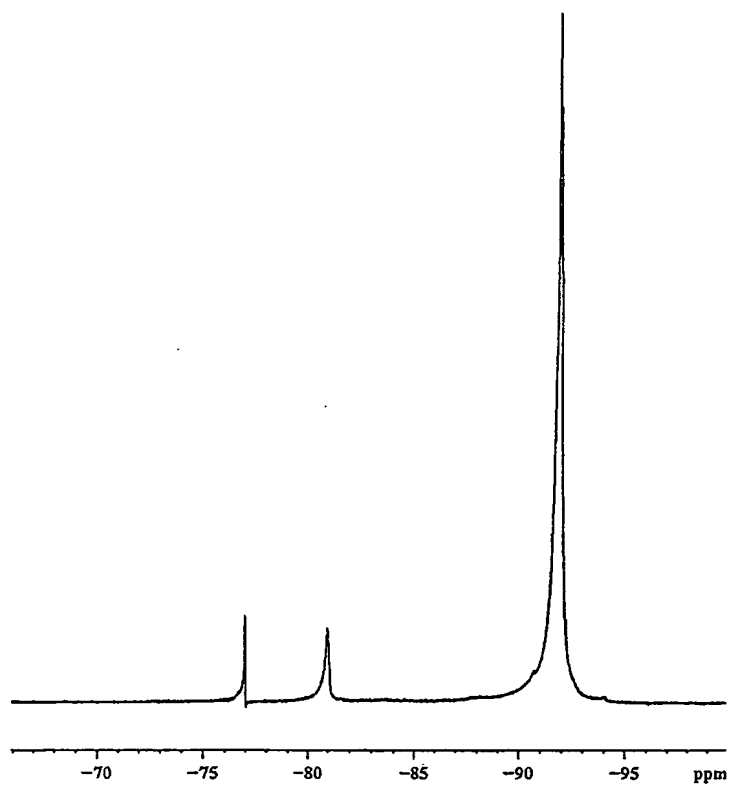


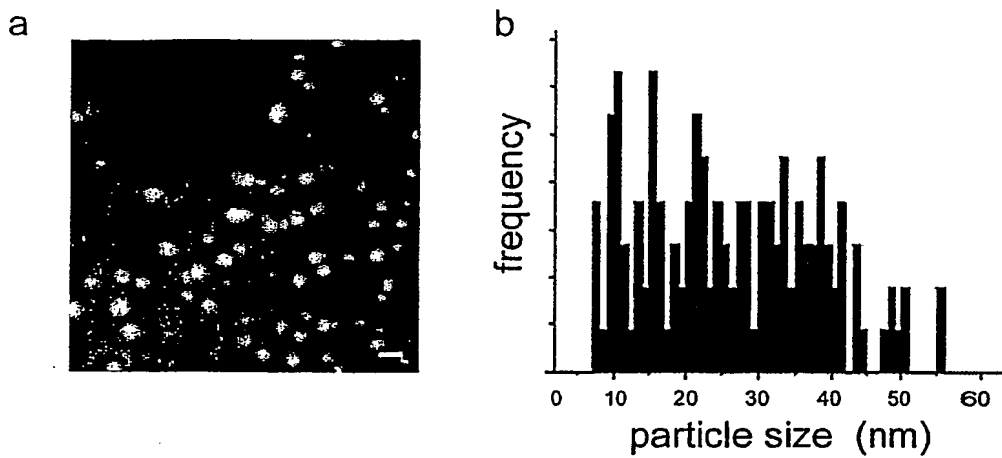
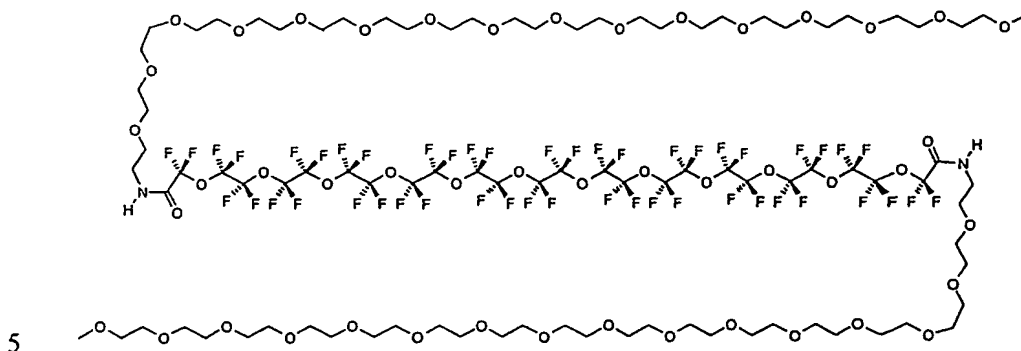
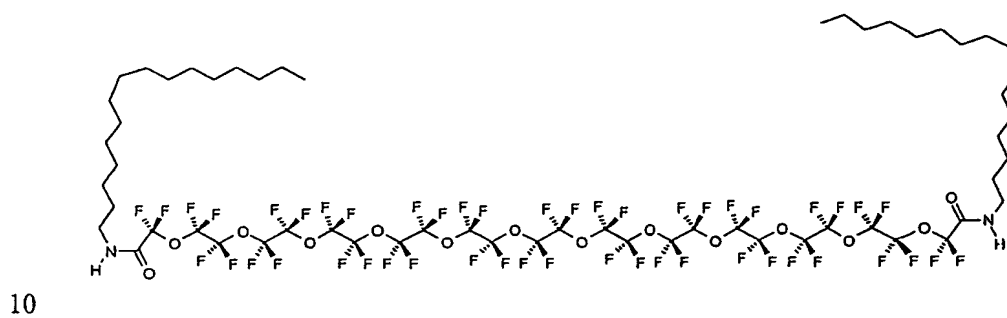
Figure 13.

Figure 14.

Rxn 1: PFPE-ester + O-aminoethyl-O'-methyl-PEG 750 → PEG2-PFPE



Rxn 2: PFPE-ester + hexadecylamine → bis-hexadecylamido-PFPE



Rxn 3: PFPE-ester + dimyristoyl phosphatidyl ethanolamine → diPE-PFPE

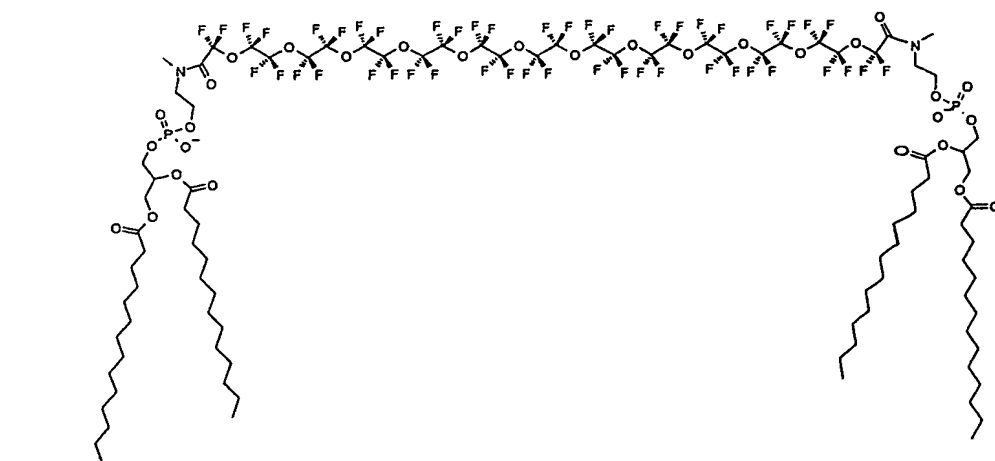


Figure 14 (cont.)

Rxn 4a: PFPE-ester + 1,6-diaminohexane \rightarrow bis-aminohexyl-PFPE-amide

5 Rxn 4b: bis-aminohexyl-PFPE-amide + Cy5-NHS ester \rightarrow di-Cy5-PFPE

